

Title (en)
Photovoltaic panel comprising an inverter

Title (de)
Photovoltaikpanel mit Wechselrichter

Title (fr)
Panneau photovoltaïque avec convertisseur

Publication
EP 2418687 A1 20120215 (EN)

Application
EP 10172607 A 20100812

Priority
EP 10172607 A 20100812

Abstract (en)
A photovoltaic panel (1) comprising a respective inverter (2) adapted to convert and stabilize the electrical generation of the photovoltaic panel (1) from direct current (DC) to alternating current (AC).

IPC 8 full level
H01L 31/042 (2006.01)

CPC (source: EP)
H02S 40/32 (2014.12); **Y02E 10/50** (2013.01)

Citation (search report)

- [XA] WO 2008124144 A1 20081016 - SUNOVIA ENERGY TECHNOLOGIES IN [US], et al
- [X] US 2002038667 A1 20020404 - KONDO HIROSHI [JP], et al
- [XI] DE 19508250 A1 19960912 - DORFMUELLER SOLARANLAGEN GMBH [DE]
- [X] US 2008283118 A1 20081120 - ROTZOLL ROBERT R [US], et al
- [X] WO 2009143253 A2 20091126 - GREENRAY INC [US], et al
- [A] WO 2010062662 A2 20100603 - TIGO ENERGY INC [US], et al
- [XA] HAAN DE S W H ET AL: "DEVELOPMENT OF A 100W RESONANT INVERTER FOR AC-MODULES", COMMISSION OF THE EUROPEAN COMMUNITIES, E.C. PHOTOVOLTAIC SOLAR ENERGY CONFERENCE, PROCEEDINGS OF THE INTERNATIONAL CONFERENCE, KLUWER ACADEMIC PUBLISHERS, DORDRECHT, NL, vol. 1, 11 April 1994 (1994-04-11), pages 395 - 398, XP002033672
- [XA] KNAUPP W ET AL: "Operation of a 10 kW PV facade with 100 W AC photovoltaic modules", 19960513; 19960513 - 19960517, 13 May 1996 (1996-05-13), pages 1235 - 1238, XP010208376

Cited by
JP2016174462A

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)
BA ME RS

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